

**HAZARDOUS MATERIALS SAFETY
HAZARDOUS MATERIALS INFORMATION SYSTEM
HAZMAT SUMMARY BY Mode of Transportation / Cause**

Calendar Year - 2006
3rd Quarter

Mode of Transportation / Cause	Incidents	INJURIES		Fatalities	Damages
		Hospitalized	Non-Hospitalized		
Air					
Abrasion	15	0	0	0	0
Broken Component or Device	3	0	0	0	0
Conveyer or Material Handling Equipment Mishap	11	0	0	0	1,500
Corrosion - Interior	1	0	0	0	0
Defective Component or Device	41	0	0	0	0
Deterioration or Aging	3	0	0	0	0
Dropped	142	0	0	0	3,000
Forklift Accident	40	0	2	0	9,431
Freezing	3	0	0	0	0
Human Error	56	0	0	0	9,098
Impact with Sharp or Protruding Object (e.g., nails)	43	0	0	0	574,263
Improper Preparation for Transportation	761	0	0	0	10,500
Inadequate Blocking and Bracing	3	0	0	0	2,050
Inadequate Preparation for Transportation	72	0	0	0	12,200
Inadequate Procedures	1	0	0	0	1,200
Loose Closure, Component, or Device	1	0	0	0	0
Misaligned Material, Component, or Device	1	0	0	0	1,950
Missing Component or Device	1	0	0	0	0
Overfilled	10	0	0	0	0
Over-pressurized	3	0	0	0	0
Rollover Accident	3	0	0	0	0
Too Much Weight on Package	12	0	0	0	0
Valve Open	50	0	0	0	0
Vandalism	1	0	0	0	0
Vehicular Crash or Accident Damage	1	0	0	0	0
Water Damage	2	0	0	0	0
Cause Not Reported	543	0	0	0	5,705

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Highway					
Abrasion	109	0	1	0	130,919
Broken Component or Device	157	1	3	0	356,309
Commodity Self-Ignition	4	0	2	0	32,837
Commodity Polymerization	5	0	0	0	29,085
Conveyer or Material Handling Equipment Mishap	80	0	0	0	14,550
Corrosion - Exterior	35	0	0	0	17,381
Corrosion - Interior	51	0	0	0	72,535
Defective Component or Device	958	2	1	0	376,097
Derailment	2	0	0	0	345,300
Deterioration or Aging	159	0	3	0	205,882
Dropped	1,737	0	3	0	210,348
Fire, Temperature, or Heat	17	0	0	0	416,673
Forklift Accident	1,344	3	53	0	365,532
Freezing	14	0	0	0	0
Human Error	1,485	5	40	0	1,348,061
Impact with Sharp or Protruding Object (e.g., nails)	863	0	0	0	277,479
Improper Preparation for Transportation	1,077	0	6	0	1,194,228
Inadequate Accident Damage Protection	28	0	0	0	0
Inadequate Blocking and Bracing	1,098	0	5	0	286,676
Inadequate Maintenance	3	0	0	0	3,535
Inadequate Preparation for Transportation	701	0	3	0	229,962
Inadequate Procedures	119	0	4	0	76,763
Inadequate Training	10	0	0	0	0
Incompatible Product	6	0	0	0	2,925
Incorrectly Sized Component or Device	4	0	0	0	0
Loose Closure, Component, or Device	1,210	1	2	0	176,235
Misaligned Material, Component, or Device	14	0	0	0	2,700
Missing Component or Device	20	0	0	0	11,189
Overfilled	113	0	1	0	122,852
Over-pressurized	51	1	1	0	182,726
Rollover Accident	78	2	1	8	8,360,290
Threads Worn or Cross Threaded	19	0	0	0	0
Too Much Weight on Package	504	0	0	0	87,642
Valve Open	171	0	21	0	11,768
Vandalism	2	0	0	0	1,000
Vehicular Crash or Accident Damage	76	1	2	0	21,822,965
Water Damage	8	0	0	0	0
Cause Not Reported	1,244	0	6	8	5,641,574

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Rail					
Abrasion	2	0	0	0	8,232
Broken Component or Device	20	0	1	0	41,166
Conveyer or Material Handling Equipment Mishap	5	0	0	0	13,500
Corrosion - Exterior	5	1	0	0	2,000
Corrosion - Interior	7	0	2	0	26,702
Defective Component or Device	41	0	0	0	80,414
Derailment	18	2	0	0	3,530,279
Deterioration or Aging	56	0	2	0	237,959
Dropped	7	0	0	0	62,434
Fire, Temperature, or Heat	1	0	0	0	39,621
Forklift Accident	1	0	0	0	3,100
Freezing	1	0	0	0	0
Human Error	37	0	0	0	59,414
Impact with Sharp or Protruding Object (e.g., nails)	8	0	0	0	51,400
Improper Preparation for Transportation	48	0	2	0	115,910
Inadequate Blocking and Bracing	6	0	0	0	55,550
Inadequate Maintenance	3	0	0	0	11,238
Inadequate Preparation for Transportation	19	2	0	0	39,753
Inadequate Procedures	1	0	0	0	701
Incorrectly Sized Component or Device	3	0	0	0	13,000
Loose Closure, Component, or Device	204	4	1	0	323,935
Misaligned Material, Component, or Device	28	0	1	0	44,502
Missing Component or Device	15	0	2	0	23,582
Overfilled	17	0	0	0	62,258
Over-pressurized	24	0	0	0	30,851
Rollover Accident	1	0	0	0	0
Threads Worn or Cross Threaded	3	0	0	0	23,545
Too Much Weight on Package	8	0	0	0	37,013
Valve Open	9	0	0	0	6,277
Vehicular Crash or Accident Damage	3	0	0	0	212,308
Cause Not Reported	140	0	2	0	2,974,507

U . S. DEPARTMENT OF TRANSPORTATION
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Water					
Conveyer or Material Handling Equipment Mishap	1	0	0	0	14,368
Corrosion - Exterior	1	0	15	0	10,000
Human Error	1	0	0	0	14,368
Inadequate Procedures	1	0	0	0	0
Loose Closure, Component, or Device	2	0	0	0	0
Misaligned Material, Component, or Device	1	0	0	0	0
Over-pressurized	2	0	0	0	1,500
Cause Not Reported	48	0	0	0	0
Totals By Mode					
Air Incidents	1,823	0	2	0	630,897
Highway Incidents	13,576	16	158	16	42,414,018
Rail Incidents	741	9	13	0	8,131,151
Water Incidents	105	0	15	0	40,236
Total - 2,006.00, 3rd Quarter	16,197	25	188	16	51,216,302

Note: Due to multiple causes being involved in a single incident, the totals above may not correspond to the totals in the other reports.